AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended) A wound dressing for accelerating epidermal regeneration which comprises:

at least one polypeptide (P) ~~having at least one species of epidermal regeneration-accelerating minimal amino acid sequences (X) selected from the group consisting of Arg-Gly-Asp (SEQ ID NO: 1), Ile-Lys-Val-Ala-Val (SEQ ID NO: 2), and Tyr-Ile-Gly-Ser-Arg (SEQ ID NO: 3), and at least one auxiliary amino acid sequence (Y)~~,

a polyalkylenepolyamine and/or polyarylenepolyamine (A) having a weight average molecular weight of 2,000 to 60,000, and

a sheet (S) being polyurethane,

wherein the at least one polypeptide (P) is selected from the group consisting of:

(1) a polypeptide having 13 Arg Gly Asp sequences (SEQ ID NO: 1) and 13 (Gly Ala Gly Ala Gly Ser)$_9$ sequences ((residues 1-6 of SEQ ID NO: 7)$_9$) chemically bonded to each other in an alternating fashion,

(2) a polypeptide having 5 Arg Gly Asp sequences (SEQ ID NO: 1) and 5 (Gly Ala Gly Ala Gly Ser)$_3$ sequences ((residues 1-6 of SEQ ID NO: 7)$_3$) chemically bonded to each other in an alternating fashion,

(3) a polypeptide having 3 Arg Gly Asp sequences (SEQ ID NO: 1) and 3 (Gly Val Pro Gly Val)$_2$ Gly Gly (Gly Ala Gly Ala Gly Ser)$_3$ sequences((residues 1-30 of SEQ ID NO: 49)$_9$ chemically bonded to each other in an alternating fashion,

(4) a polypeptide having 13 Ile-Lys-Val-Ala-Val sequences (SEQ ID NO: 2) and 13 (Gly Ala Gly Ala Gly Ser)$_9$ sequences ((residues 1-6 of SEQ ID NO: 7)$_9$) chemically bonded to each other in an alternating fashion,

(5) a polypeptide having 5 Ile-Lys-Val-Ala-Val sequences (SEQ ID NO: 2) and 5 (Gly Ala Gly Ala Gly Ser)$_3$ sequences ((residues 1-6 of SEQ ID NO: 7)$_3$) chemically bonded to each other in an alternating fashion,

(6) a polypeptide having 3 Ile-Lys-Val-Ala-Val sequences (SEQ ID NO: 2) and 3 (Gly Val Pro Gly Val)$_2$ Gly Gly (Gly Ala Gly Ala Gly Ser)$_3$ sequences((residues 1-30 of SEQ ID NO: 49)$_9$ chemically bonded to each other in an alternating fashion,

(7) a polypeptide having 13 Tyr-Ile-Gly-Ser-Arg sequences (SEQ ID NO: 3) and 13 (Gly Ala Gly Ala Gly Ser)$_9$ sequences ((residues 1-6 of SEQ ID NO: 7)$_9$) chemically bonded to each other in an alternating fashion,

(8) a polypeptide having 5 Tyr-Ile-Gly-Ser-Arg sequences (SEQ ID NO: 3) and 5 (Gly Ala Gly Ala Gly Ser)$_3$ sequences ((residues 1-6 of SEQ ID NO: 7)$_3$) chemically bonded to each other in an alternating fashion, and

(9) a polypeptide having 3 Tyr-Ile-Gly-Ser-Arg sequences (SEQ ID NO: 3) and 3 (Gly Val Pro Gly Val)$_2$ Gly Gly (Gly Ala Gly Ala Gly Ser)$_3$ sequences((residues 1-30 of SEQ ID NO: 49)$_9$ chemically bonded to each other in an alternating fashion,

wherein the at least one polypeptide (P) and the sheet (S) are bonded by a covalent bonding~~, and~~

~~wherein said auxiliary amino acid sequence (Y) is selected from the group consisting of:~~

~~(Gly-Ala)$_a$ ((residues 1-2 of SEQ ID NO: 4)$_a$),~~

~~(Gly-Ala-Gly-Ala-Gly-Ser)$_b$ ((residues 1-6 of SEQ ID NO: 7)$_b$),~~

~~(Gly-Ala-Gly-Ala-Gly-Tyr)$_c$ ((residues 1-6 of SEQ ID NO: 10)$_c$),~~

~~(Gly-Ala-Gly-Val-Gly-Tyr)$_d$ ((residues 1-6 of SEQ ID NO: 13)$_d$),~~

~~(Gly-Ala-Gly-Tyr-Gly-Val)$_e$ ((residues 1-6 of SEQ ID NO: 16)$_e$),~~

~~{Asp-Gly-Gly-(Ala)$_f$-Gly-Gly-Ala}$_g$ ((residues 1-12 of SEQ ID NO: 19)$_g$),~~

~~(Gly-Val-Pro-Gly-Val)$_h$ ((residues 1-5 of SEQ ID NO: 22)$_h$),~~

~~(Gly)$_i$, ((residue 1 of SEQ ID NO: 25)$_i$),~~

~~(Ala)$_j$, ((residue 1 of SEQ ID NO: 28)$_j$),~~

~~(Gly-Gly-Ala)$_k$ ((residues 1-3 of SEQ ID NO: 31)$_k$),~~

~~(Gly-Val-Gly-Val-Pro)$_m$ ((residues 1-5 of SEQ ID NO: 34)$_m$),~~

~~(Gly-Pro-Pro)$_n$ ((residues 1-3 of SEQ ID NO: 37)$_n$),~~

~~(Gly-Ala-Gln-Gly-Pro-Ala-Gly-Pro-Gly)$_o$ ((residues 1-9 of SEQ ID NO: 40)$_o$),~~

~~(Gly-Ala-Pro-Gly-Ala-Pro-Gly-Ser-Gln-Gly-Ala-Pro-Gly-Leu-Gln)$_p$ ((residues 1-15 of SEQ ID NO: 43)$_p$), and~~

~~(Gly-Ala-Pro-Gly-Thr-Pro-Gly-Pro-Gln-Gly-Leu-Pro-Gly-Ser-Pro)$_q$ ((residues 1-15 of SEQ ID NO: 46)$_q$),~~

~~wherein a is an integer from 5 to 100; b, c, d, and e each are an integer from 2 to 33; f is an integer from 1 to 194; g is an integer from 1 to {200/(6 + f)} with any fraction omitted; h is an integer from 2 to 40; i and j each are an integer from 10 to 200; k is an~~

~~integer from 3 to 66; m is an integer from 2 to 40; n is an integer from 3 to 66; o is an integer from 1 to 22; and p and q each are an integer from 1 to 13~~.

2-6. (Cancelled)

7. (Original) The wound dressing according to Claim 1

wherein the polyalkylenepolyamine and/or polyarylenepolyamine (A) is a polyethyleneimine.

8. (Withdrawn) A method for epidermal regeneration treatment which comprises using the wound dressing according to Claim 1.

9-13. (Cancelled)

14. (Currently Amended) The wound dressing according to claim 1 [[13]], wherein the at least one polypeptide (P) is selected from the group consisting of ~~ProNectin F and ProNectin L~~

the polypeptide having 13 Arg Gly Asp sequences (SEQ ID NO: 1) and 13 (Gly Ala Gly Ala Gly Ser)$_9$ sequences ((residues 1-6 of SEQ ID NO: 7)$_9$) chemically bonded to each other in an alternating fashion, and

the polypeptide having 13 Ile-Lys-Val-Ala-Val sequences (SEQ ID NO: 2) and 13 (Gly Ala Gly Ala Gly Ser)$_9$ sequences ((residues 1-6 of SEQ ID NO: 7)$_9$) chemically bonded to each other in an alternating fashion.